

Abstract

Combustion chamber for a gas turbine

- 5 The invention relates to a combustion chamber (1) for a gas turbine (24) having at least one closed-circuit-cooled burner insert (3) which can be disposed in an inlet opening (2) of the combustion chamber for the purpose of feeding and/or igniting a combustible gas/air mixture, and having an outlet opening (4).
- 10 The object of the present invention is therefore to create an arrangement enabling simplified manufacture and assembly to be achieved.
- 15 To achieve this object there is proposed according to the invention a combustion chamber (1) for a gas turbine (24) having at least one closed-circuit-cooled burner insert (3) which can be disposed in an inlet opening (2) of the combustion chamber (1) for the purpose of feeding and/or igniting a combustible
- 20 gas/air mixture, and having an outlet opening, at least one hot-gas-path component, specifically a component (5) of an inner wall of the combustion chamber (1), forming on its outer side opposite the hot-gas-path side (55), in conjunction with a planar shaped element (8) disposed thereabove, at least one
- 25 channel (9) which is fluidically connected to a coolant source on the feed side and to a channel arrangement of the burner insert (3) on the discharge side.

(Fig. 1)